

AAFCO Check Sample Program

Methods Report

Sort by Method

Proficiency For Individual Methods

Sample # 201124

Lamb Starter, Medicated



AAFCO

Association of American Feed Control Officials

Method Code	Total # Labs Submitting	# Labs Included in Calculations	Mean	SD	Assigned Value - Robust Mean	AAFCO CS ffp - Robust sd	Uncertainty (U)	% RSD	Between Labs sL	Within Labs sr	Reproducibility sR	Between Labs %RSD	Within Labs %rsd	Reproducibility %RSD	sR/sr	Average Range (R-bar)
000.01	1		1.3000													
001.00	10	8	9.3420	0.32997	9.3521	0.35647	0.08912	3.81%	0.32175	0.10356	0.33800	3.44%	1.11%	3.62%	3.2638	0.11250
001.03	16	16	9.1987	0.27782	9.2423	0.15472	0.02735	1.67%	0.27507	0.05512	0.28054	2.99%	0.60%	3.05%	5.0897	0.05431
001.05	1		9.1850													
001.07	38	37	13.607	18.624	9.3357	0.23702	0.02755	2.54%	18.624	0.16215	18.625	136.87%	1.19%	136.88%	114.86	0.15000
001.08	1		9.3200													
001.99	18	17	8.9353	0.68237	9.0377	0.45766	0.07849	5.06%	0.67601	0.13149	0.68868	7.57%	1.47%	7.71%	5.2375	0.13253
002.00	10	9	20.761	0.44702	20.761	0.50692	0.11948	2.44%	0.43857	0.12232	0.45531	2.11%	0.59%	2.19%	3.7224	0.11000
002.01	9	8	20.830	0.32249	20.846	0.33067	0.08267	1.59%	0.31814	0.07461	0.32677	1.53%	0.36%	1.57%	4.3800	0.07700
002.02	6	6	20.906	0.21570	20.916	0.22878	0.06604	1.09%	0.18204	0.16363	0.24477	0.87%	0.78%	1.17%	1.4959	0.15213
002.04	5	5	20.863	0.45648	20.863	0.45648	0.14435	2.19%	0.44969	0.11086	0.46316	2.16%	0.53%	2.22%	4.1779	0.14200
002.05	37	37	20.897	0.45443	20.942	0.24984	0.02904	1.19%	0.45164	0.07115	0.45721	2.16%	0.34%	2.19%	6.4262	0.07372
002.06	202	134	21.192	0.28516	21.195	0.25929	0.01584	1.22%	0.26783	0.13843	0.30149	1.26%	0.65%	1.42%	2.1779	0.13773
002.08	3	3	21.231	0.19399	21.231	0.19399	0.07919	0.91%	0.17575	0.11612	0.21065	0.83%	0.55%	0.99%	1.8140	0.14337
002.10	4	4	20.810	0.39695	20.810	0.39695	0.14034	1.91%	0.38910	0.11108	0.40465	1.87%	0.53%	1.94%	3.6428	0.11343
002.11	13	13	20.783	1.1647	20.822	0.97774	0.19175	4.70%	1.1622	0.10879	1.1673	5.59%	0.52%	5.62%	10.730	0.11269
002.99	2	2	20.205	1.0889												
003.00	22	22	3.0863	0.57831	2.9855	0.23176	0.03494	7.76%	0.57592	0.07418	0.58068	18.66%	2.40%	18.81%	7.8280	0.06586
003.01	2	2	3.1909	0.10730												
003.06	22	21	2.7973	0.16525	2.8239	0.08269	0.01276	2.93%	0.16157	0.04902	0.16884	5.78%	1.75%	6.04%	3.4443	0.04405
003.09	23	23	2.9547	0.21393	2.9291	0.16280	0.02400	5.56%	0.20686	0.07718	0.22078	7.00%	2.61%	7.47%	2.8606	0.08082
003.10	37	35	2.8090	0.15245	2.8092	0.12461	0.01489	4.44%	0.14497	0.06670	0.15958	5.16%	2.37%	5.68%	2.3925	0.06854
003.11	11	10	2.9192	0.50375	2.8318	0.32463	0.07259	11.46%	0.50323	0.03249	0.50428	17.24%	1.11%	17.27%	15.520	0.03558
003.12	16	15	2.9679	0.36473	2.9134	0.22969	0.04194	7.88%	0.36364	0.03976	0.36581	12.25%	1.34%	12.33%	9.2014	0.04433
003.13	6	5	2.8880	0.13022	2.8880	0.13022	0.04118	4.51%	0.12833	0.03130	0.13209	4.44%	1.08%	4.57%	4.2194	0.03600
003.14	23	23	2.8063	0.25938	2.8067	0.22080	0.03255	7.87%	0.24762	0.10922	0.27063	8.82%	3.89%	9.64%	2.4779	0.11035
003.99	7	7	3.1379	0.62669	2.9410	0.15076	0.04029	5.13%	0.61375	0.17918	0.63937	19.56%	5.71%	20.38%	3.5682	0.18429

Method Code	Total # Labs Submitting	# Labs Included in Calculations	Mean	SD	Assigned Value - Robust Mean	AAFCCO CS ffp - Robust sd	Uncertainty (U)	% RSD	Between Labs sL	Within Labs sr	Reproducibility sR	Between Labs %RSD	Within Labs %rstd	Reproducibility %RSD	sR/sr	Average Range (R-bar)
004.00	27	26	6.1049	0.59226	6.0784	0.49847	0.06913	8.20%	0.58861	0.09283	0.59589	9.64%	1.52%	9.76%	6.4191	0.09737
004.01	2	2	6.5000	0.00000												
004.03	3	3	6.5057	0.95756	6.5057	0.95756	0.39092	14.72%	0.95459	0.10661	0.96052	14.67%	1.64%	14.76%	9.0093	0.12667
004.06	40	39	6.2042	0.57155	6.2544	0.49982	0.05659	7.99%	0.56560	0.11632	0.57744	9.12%	1.87%	9.31%	4.9641	0.12206
004.07	49	48	5.8623	0.49152	5.8627	0.41428	0.04228	7.07%	0.47358	0.18608	0.50882	8.08%	3.17%	8.68%	2.7344	0.19079
004.11	10	10	6.2583	0.84424	6.3033	0.80607	0.18024	12.79%	0.84063	0.11028	0.84783	13.43%	1.76%	13.55%	7.6882	0.10627
004.99	3	3	6.3550	0.65580	6.3550	0.65580	0.26773	10.32%	0.65095	0.11262	0.66062	10.24%	1.77%	10.40%	5.8659	0.13000
005.00	180	120	7.1968	0.29873	7.1959	0.27096	0.01749	3.77%	0.28315	0.13465	0.31353	3.93%	1.87%	4.36%	2.3286	0.09291
005.05	29	28	7.4102	0.28332	7.3933	0.19633	0.02624	2.66%	0.28035	0.05788	0.28626	3.78%	0.78%	3.86%	4.9458	0.05910
005.11	5	5	8.4200	0.84050	8.4200	0.84050	0.26579	9.98%	0.83962	0.05435	0.84138	9.97%	0.65%	9.99%	15.481	0.06572
005.99	10	10	7.8193	1.7288	7.3558	0.31360	0.07012	4.26%	1.7276	0.08977	1.7300	22.09%	1.15%	22.12%	19.270	0.09920
006.01	1		6.6000													
006.05	1		6.1950													
006.99	2	2	4.0650	2.7365												
008.02	13	13	7.7592	1.1753	7.9636	0.73928	0.14498	9.28%	1.1645	0.22443	1.1859	15.01%	2.89%	15.28%	5.2843	0.25077
008.05	1		8.8000													
008.08	30	30	7.7229	0.56482	7.6966	0.56258	0.07263	7.31%	0.54356	0.21710	0.58531	7.04%	2.81%	7.58%	2.6960	0.22649
008.99	2	2	8.5050	0.69296												
009.04	1		17.635													
009.07	9	8	16.808	1.1082	16.765	0.38517	0.09629	2.30%	1.1012	0.17687	1.1153	6.55%	1.05%	6.64%	6.3058	0.20625
009.09	25	25	16.200	0.64966	16.248	0.54881	0.07761	3.38%	0.61077	0.31312	0.68635	3.77%	1.93%	4.24%	2.1920	0.33705
009.99	5	5	16.406	1.8577	16.406	1.8577	0.58745	11.32%	1.8437	0.32109	1.8715	11.24%	1.96%	11.41%	5.8285	0.39200
010.03	5	5	8.0738	1.1913	8.0738	1.1913	0.37673	14.76%	1.1557	0.40911	1.2259	14.31%	5.07%	15.18%	2.9966	0.39630
010.11	8	7	9.3421	0.39142	9.3876	0.34417	0.09198	3.67%	0.38922	0.05850	0.39360	4.17%	0.63%	4.21%	6.7280	0.05163
010.99	9	8	9.3391	0.93838	9.1469	0.57545	0.14386	6.29%	0.93731	0.06322	0.93944	10.04%	0.68%	10.06%	14.859	0.06575
011.01	148	82	10.181	0.38857	10.200	0.26948	0.02104	2.64%	0.38231	0.09825	0.39473	3.76%	0.96%	3.88%	4.0178	0.09387
011.02	1		11.330													
011.99	3	3	9.0833	0.94019	9.0833	0.94019	0.38383	10.35%	0.93949	0.05132	0.94089	10.34%	0.56%	10.36%	18.335	0.06667
012.00	8	8	31.004	0.86477	31.120	0.68554	0.17139	2.20%	0.79359	0.48588	0.93052	2.56%	1.57%	3.00%	1.9151	0.46250
012.01	2	2	28.018	0.81763												
012.03	3	3	28.692	0.97552	28.692	0.97552	0.39825	3.40%	0.97362	0.08593	0.97741	3.39%	0.30%	3.41%	11.375	0.11667
012.04	5	5	28.634	2.6602	28.634	2.6602	0.84123	9.29%	2.6557	0.21817	2.6647	9.27%	0.76%	9.31%	12.214	0.29600
012.11	5	5	31.524	2.1878	31.524	2.1878	0.69183	6.94%	2.1832	0.19885	2.1923	6.93%	0.63%	6.95%	11.025	0.16400
013.00	13	12	4.0285	0.61938	3.9808	0.61789	0.12613	15.52%	0.60787	0.16808	0.63068	15.09%	4.17%	15.66%	3.7523	0.17242
013.02	85	27	4.0320	0.35164	4.0167	0.35964	0.04894	8.95%	0.34202	0.11550	0.36100	8.48%	2.86%	8.95%	3.1254	0.11707
013.03	1		3.0850													
013.10	11	10	3.3439	0.48968	3.3752	0.49446	0.11057	14.65%	0.47707	0.15612	0.50197	14.27%	4.67%	15.01%	3.2153	0.15260
013.11	2	2	2.2800	0.02828												

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013.12	1		3.6000													
013.99	1		2.8000													
015.41	4	4	117.57	15.992	117.57	15.992	5.6540	13.60%	13.584	11.934	18.082	11.55%	10.15%	15.38%	1.5152	14.091
015.42	2	2	102.85	27.793												
015.43	4	4	117.05	24.484	117.05	24.484	8.6562	20.92%	24.101	6.0988	24.860	20.59%	5.21%	21.24%	4.0763	7.3500
015.52	1		130.02													
016.42	1		0.00000													
017.41	2	2	13.395	1.6900												
017.42	4	4	9.2263	6.2679	9.2263	6.2679	2.2161	67.94%	6.2514	0.64383	6.2845	67.76%	6.98%	68.11%	9.7611	0.50250
017.43	4	4	12.630	1.2458	12.630	1.2458	0.44045	9.86%	1.2407	0.15945	1.2509	9.82%	1.26%	9.90%	7.8448	0.19000
018.31	1		0.50000													
018.41	2	2	0.08588	0.00583												
018.42	1		0.00000													
018.52	1		0.07350													
019.00	30	29	1.2933	0.10672	1.3051	0.07193	0.00945	5.51%	0.10532	0.02441	0.10811	8.14%	1.89%	8.36%	4.4284	0.02536
019.03	4	4	1.3129	0.04700	1.3129	0.04700	0.01662	3.58%	0.04692	0.00378	0.04708	3.57%	0.29%	3.59%	12.447	0.00345
019.08	7	7	1.3614	0.05893	1.3560	0.05601	0.01497	4.13%	0.05801	0.01464	0.05983	4.26%	1.08%	4.39%	4.0872	0.01714
019.31	31	30	1.3185	0.06082	1.3187	0.05109	0.00660	3.87%	0.05930	0.01910	0.06230	4.50%	1.45%	4.73%	3.2618	0.01907
019.32	8	8	1.3106	0.03323	1.3106	0.03768	0.00942	2.88%	0.03122	0.01607	0.03512	2.38%	1.23%	2.68%	2.1850	0.01726
019.33	2	2	1.3500	0.07071												
019.41	38	38	1.3156	0.04752	1.3191	0.03915	0.00449	2.97%	0.04396	0.02552	0.05084	3.34%	1.94%	3.86%	1.9919	0.02778
019.42	25	24	1.3380	0.09123	1.3325	0.07453	0.01076	5.59%	0.08869	0.03023	0.09370	6.63%	2.26%	7.00%	3.0997	0.02900
019.43	14	13	1.2928	0.07859	1.2976	0.07757	0.01521	5.98%	0.07682	0.02345	0.08032	5.94%	1.81%	6.21%	3.4254	0.02602
019.52	2	2	1.2906	0.04327												
019.53	1		1.3300													
019.99	4	4	1.2263	0.33789	1.2263	0.33789	0.11946	27.56%	0.33046	0.09969	0.34517	26.95%	8.13%	28.15%	3.4625	0.09250
020.32	1		4.3695													
020.41	1		3.8290													
020.42	3	3	5.1848	1.4797	5.1848	1.4797	0.60408	28.54%	1.4573	0.36254	1.5017	28.11%	6.99%	28.96%	4.1423	0.43433
020.43	2	2	5.8025	0.51265												
020.52	1		5.8605													
020.99	1		5.7850													
021.31	3	3	2.9067	1.6139	2.9067	1.6139	0.65887	55.52%	1.6097	0.16513	1.6181	55.38%	5.68%	55.67%	9.7992	0.15333
021.32	1		4.5219													
021.33	1		1.9913													
021.41	5	5	2.3361	0.28499	2.3361	0.28499	0.09012	12.20%	0.23768	0.22238	0.32549	10.17%	9.52%	13.93%	1.4637	0.24670
021.42	6	5	1.8724	0.46564	1.8724	0.46564	0.14725	24.87%	0.46174	0.08501	0.46950	24.66%	4.54%	25.07%	5.5227	0.08800
021.43	4	4	2.5788	0.12358	2.5788	0.12358	0.04369	4.79%		0.54613			21.18%			0.46750

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021.52	2	2	0.92725	0.44088												
022.31	18	16	13.656	1.8328	13.725	1.9193	0.33928	13.98%	1.7897	0.55845	1.8748	13.11%	4.09%	13.73%	3.3572	0.37788
022.32	2	2	31.474	24.712												
022.41	27	26	13.602	2.7325	13.412	1.6945	0.23499	12.63%	2.6575	0.89930	2.8055	19.54%	6.61%	20.63%	3.1196	0.83777
022.42	20	19	14.003	1.2900	13.842	1.0057	0.16315	7.27%	1.2219	0.58470	1.3546	8.73%	4.18%	9.67%	2.3168	0.61895
022.43	8	8	13.791	3.1529	13.341	2.1778	0.54444	16.32%	3.0743	0.98967	3.2297	22.29%	7.18%	23.42%	3.2634	0.86000
022.52	2	2	15.072	1.8127												
022.53	1		12.450													
022.99	1		15.500													
025.31	15	15	263.07	20.717	259.92	13.971	2.5508	5.38%	20.623	2.7938	20.811	7.84%	1.06%	7.91%	7.4491	3.1520
025.32	3	3	261.94	20.615	261.94	20.615	8.4161	7.87%	20.529	2.6679	20.701	7.84%	1.02%	7.90%	7.7595	3.3394
025.34	1		238.50													
025.41	30	29	249.08	25.046	251.31	9.5764	1.2574	3.81%	24.914	3.6202	25.176	10.00%	1.45%	10.11%	6.9544	4.1919
025.42	20	20	237.16	25.865	238.11	27.066	4.2796	11.37%	24.725	10.741	26.957	10.43%	4.53%	11.37%	2.5097	11.125
025.43	11	11	239.64	29.446	242.90	24.120	5.1423	9.93%	28.330	11.360	30.522	11.82%	4.74%	12.74%	2.6869	11.057
025.52	3	3	238.56	44.488	238.56	44.488	18.162	18.65%	43.604	12.477	45.354	18.28%	5.23%	19.01%	3.6349	15.359
025.53	1		280.00													
025.99	1		241.50													
026.31	1		2.2000													
026.41	1		0.15500													
026.42	1		0.00000													
026.52	1		0.11190													
027.31	17	17	0.25727	0.02757	0.25323	0.01257	0.00216	4.97%	0.02748	0.00305	0.02765	10.68%	1.19%	10.75%	9.0635	0.00254
027.32	4	4	0.25374	0.00854	0.25374	0.00854	0.00302	3.36%	0.00776	0.00504	0.00925	3.06%	1.99%	3.65%	1.8339	0.00548
027.41	30	28	0.25654	0.00891	0.25680	0.00778	0.00104	3.03%	0.00836	0.00435	0.00942	3.26%	1.70%	3.67%	2.1638	0.00362
027.42	22	21	0.25579	0.01695	0.25334	0.01075	0.00166	4.24%	0.01646	0.00575	0.01743	6.43%	2.25%	6.81%	3.0334	0.00565
027.43	10	10	0.24930	0.01317	0.24744	0.01010	0.00226	4.08%	0.01277	0.00455	0.01356	5.12%	1.83%	5.44%	2.9793	0.00445
027.52	1		0.25415													
027.53	1		0.25350													
027.99	1		0.24000													
028.31	17	16	110.10	14.152	107.43	4.3883	0.77576	4.08%	14.115	1.4409	14.188	12.82%	1.31%	12.89%	9.8466	1.4369
028.32	4	4	133.77	29.666	133.77	29.666	10.489	22.18%	29.644	1.6348	29.689	22.16%	1.22%	22.19%	18.161	2.1792
028.41	30	29	108.28	7.5093	108.10	3.8749	0.50881	3.58%	7.3933	1.8597	7.6236	6.83%	1.72%	7.04%	4.0994	2.0497
028.42	21	21	109.59	7.5676	109.41	5.9459	0.91747	5.43%	6.9231	4.3220	8.1614	6.32%	3.94%	7.45%	1.8883	4.3786
028.43	12	12	106.50	7.7667	106.60	8.5866	1.7527	8.05%	7.5051	2.8268	8.0198	7.05%	2.65%	7.53%	2.8371	3.3067
028.52	3	3	121.05	19.786	121.05	19.786	8.0774	16.34%	19.366	5.7295	20.196	16.00%	4.73%	16.68%	3.5249	7.7657
028.53	2	2	111.25	12.374												
029.99	2	2	0.08375	0.11844												

Method Code	Total # Labs Submitting	# Labs Included in Calculations	Mean	SD	Assigned Value - Robust Mean	AAFCCO CS ffp - Robust sd	Uncertainty (U)	% RSD	Between Labs sL	Within Labs sr	Reproducibility sR	Between Labs %RSD	Within Labs %rscd	Reproducibility %RSD	sR/sr	Average Range (R-bar)
031.00	1		0.62735													
031.01	68	67	0.60655	0.03174	0.60508	0.02032	0.00176	3.36%	0.03078	0.01097	0.03267	5.07%	1.81%	5.39%	2.9779	0.01055
031.02	3	3	0.61342	0.01517	0.61342	0.01517	0.00619	2.47%	0.00981	0.01636	0.01907	1.60%	2.67%	3.11%	1.1661	0.01410
031.03	6	6	0.61893	0.05186	0.60412	0.02304	0.00665	3.81%	0.05073	0.01522	0.05296	8.20%	2.46%	8.56%	3.4789	0.01657
031.06	2	2	0.57250	0.01061												
031.41	34	34	0.61509	0.02867	0.61369	0.02894	0.00351	4.72%	0.02766	0.01070	0.02965	4.50%	1.74%	4.82%	2.7725	0.01054
031.42	27	26	0.61274	0.03788	0.60708	0.02636	0.00365	4.34%	0.03488	0.02091	0.04067	5.69%	3.41%	6.64%	1.9448	0.01731
031.43	14	14	0.60411	0.03983	0.60875	0.02911	0.00550	4.78%	0.03937	0.00856	0.04029	6.52%	1.42%	6.67%	4.7049	0.00907
031.44	1		0.55500													
031.52	1		0.58350													
031.53	1		0.63250													
031.99	4	4	0.60500	0.02041	0.60500	0.02041	0.00722	3.37%	0.01021	0.02500	0.02700	1.69%	4.13%	4.46%	1.0801	0.02000
032.02	6	6	1.2253	0.05238	1.2424	0.01509	0.00436	1.21%	0.05121	0.01553	0.05352	4.18%	1.27%	4.37%	3.4466	0.01917
032.31	16	15	1.1932	0.08598	1.2011	0.06265	0.01144	5.22%	0.08524	0.01599	0.08672	7.14%	1.34%	7.27%	5.4244	0.01713
032.32	3	3	1.2450	0.04583	1.2450	0.04583	0.01871	3.68%	0.04555	0.00707	0.04610	3.66%	0.57%	3.70%	6.5192	0.01000
032.41	28	27	1.2170	0.07798	1.2261	0.03417	0.00465	2.79%	0.07669	0.01998	0.07925	6.30%	1.64%	6.51%	3.9661	0.02103
032.42	23	22	1.2533	0.07683	1.2463	0.06318	0.00953	5.07%	0.07416	0.02837	0.07940	5.92%	2.26%	6.34%	2.7992	0.03145
032.43	10	9	1.2254	0.07381	1.2365	0.05438	0.01282	4.40%	0.07335	0.01168	0.07427	5.99%	0.95%	6.06%	6.3582	0.01361
032.52	1		1.2807													
032.53	1		1.3050													
032.99	1		1.3250													
033.00	39	38	1.2648	0.09013	1.2692	0.06309	0.00724	4.97%	0.08942	0.01592	0.09083	7.07%	1.26%	7.18%	5.7049	0.01675
033.01	44	43	1.2789	0.14863	1.3158	0.03890	0.00419	2.96%	0.14808	0.01801	0.14917	11.58%	1.41%	11.66%	8.2821	0.01456
033.03	8	8	1.2726	0.12539	1.2323	0.07495	0.01874	6.08%	0.11663	0.06512	0.13358	9.16%	5.12%	10.50%	2.0514	0.07775
033.05	2	2	1.2225	0.00354												
033.99	8	8	0.92869	0.37227	0.92869	0.42215	0.10554	45.46%	0.37064	0.04926	0.37390	39.91%	5.30%	40.26%	7.5898	0.04913
034.01	2	2	0.64900	0.05515												
034.04	7	7	0.61314	0.09995	0.61314	0.11334	0.03029	18.49%	0.09934	0.01561	0.10056	16.20%	2.55%	16.40%	6.4430	0.01486
034.42	3	3	1.7887	2.0766	1.7887	2.0766	0.84777	116.10%	1.8352	1.3741	2.2927	102.60%	76.82%	128.18%	1.6684	1.1867
034.43	1		0.39350													
034.52	2	2	0.86950	0.35638												
034.53	1		0.70000													
034.99	1		0.61790													
035.01	3	3	0.92850	1.1432	0.92850	1.1432	0.46669	123.12%	1.1432	0.00456	1.1432	123.12%	0.49%	123.12%	250.45	0.00567
035.05	8	8	0.26291	0.02013	0.25797	0.01191	0.00298	4.62%	0.01951	0.00700	0.02073	7.42%	2.66%	7.88%	2.9617	0.00823
035.31	16	15	0.24780	0.01744	0.24875	0.01289	0.00235	5.18%	0.01677	0.00677	0.01809	6.77%	2.73%	7.30%	2.6705	0.00703
035.32	4	4	0.25461	0.03041	0.25461	0.03041	0.01075	11.94%	0.03020	0.00501	0.03062	11.86%	1.97%	12.02%	6.1108	0.00523
035.41	31	31	0.25447	0.01473	0.25382	0.01361	0.00173	5.36%	0.01419	0.00560	0.01525	5.57%	2.20%	5.99%	2.7228	0.00584

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035.42	21	20	0.23994	0.05921	0.24607	0.01537	0.00243	6.24%	0.05904	0.00635	0.05938	24.61%	2.65%	24.75%	9.3532	0.00675
035.43	10	10	0.26184	0.02183	0.25971	0.02058	0.00460	7.93%	0.02111	0.00782	0.02251	8.06%	2.99%	8.60%	2.8799	0.00809
035.52	1		0.27830													
035.53	1		0.23850													
036.04	2	2	0.24500	0.01414												
036.42	19	19	0.23281	0.01936	0.23025	0.01364	0.00221	5.92%	0.01882	0.00641	0.01988	8.09%	2.75%	8.54%	3.1039	0.00634
036.43	9	9	0.23594	0.02288	0.23621	0.02450	0.00578	10.37%	0.02259	0.00517	0.02317	9.57%	2.19%	9.82%	4.4840	0.00542
036.99	2	2	0.25350	0.00495												
037.02	1		169.83													
037.31	19	19	149.02	35.335	156.51	11.728	1.9025	7.49%	35.302	2.1514	35.367	23.69%	1.44%	23.73%	16.439	2.3391
037.32	3	3	177.50	17.197	177.50	17.197	7.0208	9.69%	16.902	4.4907	17.488	9.52%	2.53%	9.85%	3.8943	5.6667
037.41	31	31	161.24	5.9618	161.72	5.6384	0.71608	3.49%	5.2515	3.9912	6.5961	3.26%	2.48%	4.09%	1.6527	4.0578
037.42	23	23	161.42	14.572	163.27	10.583	1.5604	6.48%	13.676	7.1127	15.415	8.47%	4.41%	9.55%	2.1673	6.4552
037.43	11	10	161.47	10.485	161.92	10.187	2.2779	6.29%	9.9394	4.7200	11.003	6.16%	2.92%	6.81%	2.3312	4.6490
037.52	3	3	159.92	7.7039	159.92	7.7039	3.1451	4.82%		19.439			12.16%			19.690
037.53	2	2	163.00	4.2426												
037.99	1		182.50													
038.31	1		80.000													
038.41	4	4	3.1973	0.52992	3.1973	0.52992	0.18736	16.57%	0.50160	0.24171	0.55680	15.69%	7.56%	17.42%	2.3036	0.29125
038.42	5	5	3.3948	0.56265	3.3948	0.56265	0.17792	16.57%	0.54879	0.17550	0.57617	16.17%	5.17%	16.97%	3.2831	0.19480
038.43	6	6	4.6087	1.9064	4.0245	0.95295	0.27509	23.68%	1.2153	2.0772	2.4066	26.37%	45.07%	52.22%	1.1586	1.7667
038.52	3	3	4.5892	1.7438	4.5892	1.7438	0.71192	38.00%	1.7125	0.46523	1.7746	37.32%	10.14%	38.67%	3.8144	0.57900
038.53	1		4.2000													
039.31	1		5.8100													
039.41	1		3.3968													
039.42	2	2	3.6133	0.70463												
039.43	1		4.2300													
039.52	1		3.0420													
040.42	1		8.8100													
040.43	1		8.6900													
041.42	1		0.00000													
054.01	9	9	11.558	12.511	6.6946	0.43616	0.10280	6.52%	12.510	0.24560	12.512	108.24%	2.12%	108.26%	50.945	0.28467
054.02	5	5	6.4896	0.14938	6.4896	0.14938	0.04724	2.30%	0.13465	0.09147	0.16278	2.07%	1.41%	2.51%	1.7795	0.10120
065.03	1		1.8000													
101.99	1		3,720.0													
104.00	1		2.1850													
105.00	1		1.8635													
106.00	1		3.9000													

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106.02	14	13	4.0112	1.9421	3.8792	1.9458	0.38160	50.16%	1.8294	0.92205	2.0486	45.61%	22.99%	51.07%	2.2218	0.72795
108.01	2	2	0.22728	0.31102												
108.02	2	2	83.375	117.10												
109.02	10	9	69.068	9.8633	67.967	7.6405	1.8009	11.24%	9.7962	1.6245	9.9299	14.18%	2.35%	14.38%	6.1127	1.9793
109.99	1		65.500													
120.00	12	11	0.97036	0.02218	0.97088	0.02407	0.00513	2.48%	0.02036	0.01245	0.02386	2.10%	1.28%	2.46%	1.9163	0.01127
120.01	1		0.95450													
120.02	2	2	0.96550	0.04243												
120.05	3	3	0.94617	0.00775	0.94617	0.00775	0.00316	0.82%		0.09219			9.74%			0.09567
121.00	12	11	1.3580	0.04474	1.3539	0.03823	0.00815	2.82%	0.04329	0.01599	0.04615	3.19%	1.18%	3.40%	2.8854	0.01463
121.01	1		1.4055													
121.02	2	2	1.3340	0.00495												
121.05	3	3	1.3617	0.21365	1.3617	0.21365	0.08722	15.69%	0.20594	0.08040	0.22108	15.12%	5.90%	16.24%	2.7497	0.08333
122.00	12	11	2.0703	0.07863	2.0810	0.06409	0.01366	3.08%	0.07078	0.04841	0.08576	3.42%	2.34%	4.14%	1.7713	0.03984
122.01	1		2.1025													
122.02	2	2	2.0823	0.04632												
122.05	3	3	2.1172	0.06265	2.1172	0.06265	0.02558	2.96%		0.24088			11.38%			0.26100
124.00	12	12	0.32607	0.01876	0.32508	0.01413	0.00288	4.35%	0.01751	0.00953	0.01994	5.37%	2.92%	6.11%	2.0915	0.00819
124.01	1		0.28500													
124.02	3	3	0.31633	0.02779	0.31633	0.02779	0.01135	8.79%	0.02695	0.00959	0.02861	8.52%	3.03%	9.04%	2.9824	0.01333
125.00	12	12	3.5306	0.07642	3.5292	0.07915	0.01616	2.24%	0.06275	0.06169	0.08799	1.78%	1.75%	2.49%	1.4264	0.05927
125.01	1		3.7040													
125.02	2	2	3.4923	0.18986												
125.05	2	2	3.6438	0.28815												
126.00	12	11	0.88132	0.03050	0.88248	0.03235	0.00690	3.67%	0.02949	0.01099	0.03147	3.35%	1.25%	3.57%	2.8650	0.01155
126.01	1		0.97850													
126.02	2	2	0.86900	0.07990												
126.05	3	3	0.94200	0.07428	0.94200	0.07428	0.03033	7.89%	0.07337	0.01642	0.07518	7.79%	1.74%	7.98%	4.5784	0.02133
127.00	12	11	0.52516	0.01576	0.52590	0.01635	0.00349	3.11%	0.01178	0.01481	0.01892	2.24%	2.82%	3.60%	1.2776	0.01473
127.01	1		0.50750													
127.02	2	2	0.51950	0.03323												
127.05	3	3	0.50367	0.08397	0.50367	0.08397	0.03428	16.67%	0.08312	0.01683	0.08481	16.50%	3.34%	16.84%	5.0382	0.01933
128.00	12	12	0.82104	0.04125	0.81825	0.03660	0.00747	4.47%	0.04051	0.01105	0.04199	4.93%	1.35%	5.11%	3.7987	0.01066
128.01	1		0.88300													
128.02	2	2	0.80475	0.00955												
128.05	3	3	0.78767	0.17330	0.78767	0.17330	0.07075	22.00%	0.16738	0.06353	0.17903	21.25%	8.07%	22.73%	2.8179	0.06600
129.00	12	11	1.5439	0.03779	1.5412	0.03734	0.00796	2.42%	0.03585	0.01687	0.03962	2.32%	1.09%	2.57%	2.3485	0.01500
129.01	1		1.5895													

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129.02	2	2	1.5168	0.03500												
129.05	3	3	1.5497	0.17334	1.5497	0.17334	0.07076	11.19%	0.15108	0.12017	0.19304	9.75%	7.75%	12.46%	1.6064	0.11667
130.00	14	13	1.0699	0.03339	1.0719	0.03368	0.00661	3.14%	0.03139	0.01608	0.03527	2.93%	1.50%	3.30%	2.1935	0.01562
130.01	1		1.0410													
130.02	2	2	1.0948	0.02510												
130.05	3	3	1.0958	0.09256	1.0958	0.09256	0.03779	8.45%		0.14986			13.68%			0.15433
131.00	11	11	0.29533	0.01299	0.29520	0.01359	0.00290	4.61%	0.01230	0.00590	0.01364	4.17%	2.00%	4.62%	2.3125	0.00603
131.01	1		0.26500													
131.02	3	3	0.28767	0.01143	0.28767	0.01143	0.00467	3.97%	0.01093	0.00473	0.01191	3.80%	1.64%	4.14%	2.5193	0.00600
131.05	2	2	0.25575	0.04914												
132.00	12	11	0.94173	0.03678	0.94541	0.02290	0.00488	2.42%	0.03188	0.02594	0.04110	3.38%	2.75%	4.36%	1.5842	0.02291
132.01	1		0.97200													
132.02	2	2	0.95000	0.03394												
132.05	3	3	1.0307	0.17761	1.0307	0.17761	0.07251	17.23%	0.16147	0.10463	0.19240	15.67%	10.15%	18.67%	1.8389	0.09600
133.00	12	12	1.1669	0.05555	1.1604	0.02734	0.00558	2.36%	0.04960	0.03536	0.06092	4.25%	3.03%	5.22%	1.7227	0.03097
133.05	2	2	1.2103	0.08521												
134.00	12	12	0.94705	0.04547	0.95068	0.03107	0.00634	3.27%	0.03786	0.03561	0.05198	4.00%	3.76%	5.49%	1.4595	0.03229
134.01	1		1.0260													
134.02	2	2	0.94150	0.02192												
134.05	3	3	1.0218	0.17610	1.0218	0.17610	0.07189	17.23%	0.16815	0.07402	0.18372	16.46%	7.24%	17.98%	2.4819	0.07367
135.00	12	12	0.75974	0.01951	0.75588	0.00856	0.00175	1.13%		0.02849			3.75%			0.02547
135.01	1		0.74050													
135.02	2	2	0.75400	0.02192												
135.05	3	3	0.81083	0.14229	0.81083	0.14229	0.05809	17.55%	0.12726	0.09001	0.15587	15.69%	11.10%	19.22%	1.7317	0.08300
136.00	2	2	0.29950	0.00707												
136.01	4	4	0.25425	0.02811	0.25425	0.02811	0.00994	11.06%	0.02810	0.00132	0.02813	11.05%	0.52%	11.06%	21.264	0.00150
136.03	1		0.27000													
136.99	2	2	0.25825	0.01874												
137.00	8	7	0.63807	0.02225	0.64021	0.00826	0.00221	1.29%	0.01745	0.01952	0.02618	2.74%	3.06%	4.10%	1.3415	0.02157
137.02	2	2	0.64050	0.08485												
137.05	2	2	0.71550	0.01485												
138.00	12	11	0.94355	0.04383	0.94728	0.03832	0.00817	4.05%	0.04308	0.01145	0.04457	4.57%	1.21%	4.72%	3.8931	0.01112
138.02	2	2	0.96950	0.03818												
138.05	3	3	0.92633	0.17566	0.92633	0.17566	0.07171	18.96%	0.16689	0.07750	0.18401	18.02%	8.37%	19.86%	2.3742	0.08400
139.00	1		0.06500													
142.00	1		0.08400													